

RAW SEQUENCE LISTING ERROR REPORT

1646
BIOTECHNOLOGY
SYSTEMS
BRANCH

RECEIVED

MAY 10 2001

1600/2900

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/746,371A

Source: 1600

Date Processed by STIC: 5/10/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/746,371A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped " down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.

- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.

- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.

- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223>
sections for Artificial or Unknown sequences.

- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000

- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

- 11 Use of "Artificial" Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b).of New Sequence Rules.
(NEW RULES) Valid response is Artificial Sequence.

- 12 Use of <220>Feature Sequence(s) are missing the <220>Feature and associated headings.
(NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial Sequence" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)

- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001
TIME: 12:21:36

Input Set : A:\BERL025.txt
Output Set: N:\CRF3\05102001\I746371A.raw

pg 1-5
Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Urry, Dan
5 <120> TITLE OF INVENTION: Acoustic Absorption Polymers and Their Methods of Use
7 <130> FILE REFERENCE: BERL025/01US
9 <140> CURRENT APPLICATION NUMBER: 09/746371A
10 <141> CURRENT FILING DATE: 2000-12-20
12 <160> NUMBER OF SEQ ID NOS: 47
14 <170> SOFTWARE: PatentIn version 3.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 5
18 <212> TYPE: PRT
C--> 19 <213> ORGANISM: Artificial *(global error)*
21 <220> FEATURE:
22 <223> OTHER INFORMATION: This is a synthetic sequence.
24 <220> FEATURE:
25 <221> NAME/KEY: PEPTIDE
26 <222> LOCATION: (1)..(5)
28 <400> SEQUENCE: 1
30 Val Pro Gly Val Gly
31 1 5
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 4
35 <212> TYPE: PRT
C--> 36 <213> ORGANISM: Artificial *see item 11 on Error Summary Sheet*
38 <220> FEATURE:
39 <223> OTHER INFORMATION: This is a synthetic sequence.
41 <220> FEATURE:
42 <221> NAME/KEY: PEPTIDE
43 <222> LOCATION: (1)..(4)
45 <400> SEQUENCE: 2
47 Val Pro Gly Gly
48 1
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 4
52 <212> TYPE: PRT
C--> 53 <213> ORGANISM: Artificial
55 <220> FEATURE:
56 <223> OTHER INFORMATION: This is a synthetic sequence.
58 <220> FEATURE:
59 <221> NAME/KEY: PEPTIDE
60 <222> LOCATION: (1)..(4)
62 <400> SEQUENCE: 3
64 Gly Gly Val Pro
65 1
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 4
69 <212> TYPE: PRT
C--> 70 <213> ORGANISM: Artificial

RAW SEQUENCE LISTING DATE: 05/10/2001
 PATENT APPLICATION: US/09/746,371A TIME: 12:21:36

Input Set : A:\BERL025.txt
 Output Set: N:\CRF3\05102001\I746371A.raw

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72 <220> FEATURE:
73 <223> OTHER INFORMATION: This is a synthetic sequence.
75 <220> FEATURE:
76 <221> NAME/KEY: PEPTIDE
77 <222> LOCATION: (1)..(4)
79 <400> SEQUENCE: 4
81 Gly Gly Phe Pro
82 1
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 4
86 <212> TYPE: PRT
C--> 87 <213> ORGANISM: Artificial
89 <220> FEATURE:
90 <223> OTHER INFORMATION: This is a synthetic sequence.
92 <220> FEATURE:
93 <221> NAME/KEY: PEPTIDE
94 <222> LOCATION: (1)..(4)
96 <400> SEQUENCE: 5
98 Gly Gly Ala Pro
99 1
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 5
103 <212> TYPE: PRT
C--> 104 <213> ORGANISM: Artificial
106 <220> FEATURE:
107 <223> OTHER INFORMATION: This is a synthetic sequence.
109 <220> FEATURE:
110 <221> NAME/KEY: VARIANT
111 <222> LOCATION: (2)..(4)
112 <223> OTHER INFORMATION: Residue at position 2 is V, E, F, Y or K
113        Residue at position 4 is V, E, F or I
116 <400> SEQUENCE: 6
W 118 Gly Xaa Gly Xaa Pro
119 1        5
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 6
123 <212> TYPE: PRT
C--> 124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <223> OTHER INFORMATION: This is a synthetic sequence.
129 <220> FEATURE:
130 <221> NAME/KEY: PEPTIDE
131 <222> LOCATION: (1)..(6)
133 <400> SEQUENCE: 7
135 Ala Pro Gly Val Gly Val
136 1        5
138 <210> SEQ ID NO: 8
139 <211> LENGTH: 35
140 <212> TYPE: PRT

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RAW SEQUENCE LISTING DATE: 05/10/2001
 PATENT APPLICATION: US/09/746,371A TIME: 12:21:36

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 Output Set: N:\CRF3\05102001\I746371A.raw

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C--> 141 <213> ORGANISM: Artificial
      143 <220> FEATURE:
      144 <223> OTHER INFORMATION: This is a synthetic sequence.
      146 <220> FEATURE:
      147 <221> NAME/KEY: PEPTIDE
      148 <222> LOCATION: (1)..(35)
      150 <400> SEQUENCE: 8
      152 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
      153 1                5                10                15
      155 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
      156                20                25                30
      158 Gly Val Pro
      159                35
      161 <210> SEQ ID NO: 9
      162 <211> LENGTH: 35
      163 <212> TYPE: PRT
C--> 164 <213> ORGANISM: Artificial
      166 <220> FEATURE:
      167 <223> OTHER INFORMATION: This is a synthetic sequence.
      169 <220> FEATURE:
      170 <221> NAME/KEY: PEPTIDE
      171 <222> LOCATION: (1)..(35)
      173 <400> SEQUENCE: 9
      175 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
      176 1                5                10                15
      178 Val Gly Val Pro Gly Val Gly Phe Pro Gly Val Gly Phe Pro Gly Val
      179                20                25                30
      181 Gly Val Pro
      182                35
      184 <210> SEQ ID NO: 10
      185 <211> LENGTH: 35
      186 <212> TYPE: PRT
C--> 187 <213> ORGANISM: Artificial
      189 <220> FEATURE:
      190 <223> OTHER INFORMATION: This is a synthetic sequence.
      192 <220> FEATURE:
      193 <221> NAME/KEY: PEPTIDE
      194 <222> LOCATION: (1)..(35)
      196 <400> SEQUENCE: 10
      198 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly
      199 1                5                10                15
      201 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
      202                20                25                30
      204 Gly Val Pro
      205                35
      207 <210> SEQ ID NO: 11
      208 <211> LENGTH: 35
      209 <212> TYPE: PRT
C--> 210 <213> ORGANISM: Artificial
  
```

RAW SEQUENCE LISTING

DATE: 05/10/2001

PATENT APPLICATION: US/09/746,371A

TIME: 12:21:36

Input Set : A:\BERL025.txt

Output Set: N:\CRF3\05102001\I746371A.raw

212 <220> FEATURE:

213 <223> OTHER INFORMATION: This is a synthetic sequence.

215 <220> FEATURE:

216 <221> NAME/KEY: PEPTIDE

217 <222> LOCATION: (1)..(35)

219 <400> SEQUENCE: 11

221 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly

222 1 5 10 15

224 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val

225 20 25 30

227 Gly Val Pro

228 35

230 <210> SEQ ID NO: 12

231 <211> LENGTH: 35

232 <212> TYPE: PRT

C--> 233 <213> ORGANISM: Artificial

235 <220> FEATURE:

236 <223> OTHER INFORMATION: This is a synthetic sequence.

238 <220> FEATURE:

239 <221> NAME/KEY: PEPTIDE

240 <222> LOCATION: (1)..(35)

242 <400> SEQUENCE: 12

244 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly

245 1 5 10 15

247 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val

248 20 25 30

250 Gly Val Pro

251 35

253 <210> SEQ ID NO: 13

254 <211> LENGTH: 65

255 <212> TYPE: PRT

C--> 256 <213> ORGANISM: Artificial

258 <220> FEATURE:

259 <223> OTHER INFORMATION: This is a synthetic sequence.

261 <220> FEATURE:

262 <221> NAME/KEY: PEPTIDE

263 <222> LOCATION: (1)..(65)

265 <400> SEQUENCE: 13

267 Gly Val Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly

268 1 5 10 15

270 Val Gly Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val

271 20 25 30

273 Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly Val Gly

274 35 40 45

276 Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val Gly Val

277 50 55 60

279 Pro

280 65

282 <210> SEQ ID NO: 14

RAW SEQUENCE LISTING

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TIME: 12:21:36

Input Set : A:\BERL025.txt

Output Set: N:\CRF3\05102001\I746371A.raw

283 <211> LENGTH: 35
 284 <212> TYPE: PRT
 C--> 285 <213> ORGANISM: Artificial
 287 <220> FEATURE:
 288 <223> OTHER INFORMATION: This is a synthetic sequence.
 290 <220> FEATURE:
 291 <221> NAME/KEY: PEPTIDE
 292 <222> LOCATION: (1)..(35)
 294 <400> SEQUENCE: 14
 296 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Phe Pro Gly
 297 1 5 10 15
 299 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
 300 20 25 30
 302 Gly Val Pro
 303 35
 305 <210> SEQ ID NO: 15
 306 <211> LENGTH: 35
 307 <212> TYPE: PRT
 C--> 308 <213> ORGANISM: Artificial
 310 <220> FEATURE:
 311 <223> OTHER INFORMATION: This is a synthetic sequence.
 313 <220> FEATURE:
 314 <221> NAME/KEY: PEPTIDE
 315 <222> LOCATION: (1)..(35)
 317 <400> SEQUENCE: 15
 319 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Phe Pro Gly
 320 1 5 10 15
 322 Val Gly Val Pro Gly Val Gly Phe Pro Gly Val Gly Phe Pro Gly Val
 323 20 25 30
 325 Gly Val Pro
 326 35
 328 <210> SEQ ID NO: 16
 329 <211> LENGTH: 35
 330 <212> TYPE: PRT
 C--> 331 <213> ORGANISM: Artificial
 333 <220> FEATURE:
 334 <223> OTHER INFORMATION: This is a synthetic sequence.
 336 <220> FEATURE:
 337 <221> NAME/KEY: PEPTIDE
 338 <222> LOCATION: (1)..(35)
 340 <400> SEQUENCE: 16
 342 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
 343 1 5 10 15
 345 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
 346 20 25 30
 348 Gly Val Pro
 349 35
 351 <210> SEQ ID NO: 17
 352 <211> LENGTH: 35

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields for each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001
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Input Set : A:\BERL025.txt
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L:19 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:36 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:53 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:70 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:87 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:104 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:124 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:141 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:164 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:187 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:210 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:233 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:256 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:285 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:308 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:331 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:354 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:377 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:400 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:423 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:446 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:466 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:483 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:502 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:523 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:543 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:561 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:579 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28
L:596 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:619 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:639 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:659 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:682 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:702 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:722 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35
L:757 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36
L:794 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37
L:820 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38
L:848 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
L:871 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40
L:894 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41
L:914 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42
L:936 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43
L:953 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001

TIME: 12:21:37

Input Set : A:\BERL025.txt

Output Set: N:\CRF3\05102001\I746371A.raw

L:972 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45
L:989 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46
L:1008 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47